



# API POWERCHEM

## 1-3 AUGUST 2022

A virtual event for Power Station Personnel -  
particularly Chemists, Engineers and related  
Suppliers

ONLINE TIMES AEST (SYDNEY/MELBOURNE)  
MONDAY 1 AUGUST - 12PM TO 5PM  
TUESDAY 2 AUGUST - 10AM TO 2.30PM  
WEDNESDAY 3 AUGUST - 11.45AM TO 5PM

Conference will be conducted in English online.  
Pre-recorded Technical Papers will be available to watch from 25 July 2022.

### Thanks to our Sponsors

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PPCHEM  
The Journal of All Power & Fuel Chemistry Aspects

**Register Now:**

**<https://powerchem2022.heysummit.com>**

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## Aim of PowerChem Conference

- Provide a platform for Power Station Chemists with a broad understanding of industry drivers and key issues
- Provide power station chemists with best practice techniques from Australia and overseas
- Bring industry personnel with diverse experience together to share learnings and experiences to further develop personal networks for future business developments and careers

## Delegate Benefits

- Gain an understanding of Power Station Chemistry drivers and key issues
- Opportunity to learn of latest products and solutions from leading suppliers through exhibitor participation
- Update on best practice applications
- Established network of Power Station Chemistry contacts
- Copy of presentations after conference
- New practical skills and knowledge ready to be applied in the workplace

## Benefits for Employers who send delegates

- Delegates will enhance their technical and leadership knowledge to improve overall business performance
- Allow professionals of all levels and diverse backgrounds to interact and share knowledge
- Provide innovative insight to resolve issues and provide solutions to improve company practice

## Conference Committee Technical Chairs

Bruce Leitch, Consultant

Mark Wyburn, Power Plant Chemical Engineering Pty Ltd

## COST:

- Earlybird (to 1 June): \$285
- Standard (after 2 June): \$380
- Meeting room (One log in, multiple people): \$790
- 4 pack of tickets (Earlybird/standard) \$910 / \$1295

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# POWERCHEM 2022 PROGRAM\*

MONDAY 1 AUGUST - 12 NOON - 5PM (AEST)

12:00 – 12:05	<b>Conference Opening</b> David Pointing – CEO, Australian Power Institute Bruce Leitch and Mark Wyburn – Technical Committee Chairs
12:05 – 12:50	KEYNOTE: <b>History of Australian Power Plant - Chemistry “Lessons from the Past”</b> Dave Swainsbury, Consultant
12:50 – 13:15	<b>Relationship between boiler water chemistry &amp; certification to AS 3788</b> Luke Byrnes, ALS
13:15 – 13:40	<b>Quality Matters: The Hidden Cost of Low Price</b> Nathan Leonard, Sentry; Duff & MacIntosh
13:40 – 14:05	Lunch and small group networking
14:05 – 14:30	Platinum Sponsor Technical Presentation: <b>SWAN</b>
14:30 – 14:55	<b>CO2 emissions saved by dosing chlorine dioxide into the Liddell CW systems</b> Peter George, AGL
14:55 – 15:25	Meet our Sponsors (Parallel rooms)
15:25 – 15:50	<b>Women, Leadership &amp; the Power Industry [TBC]</b> Kathy Miller, Collabs Scientific Services
15:50 – 16:35	KEYNOTE: <b>The latest International Cycle Chemistry Experience for Combined Cycle/HRSG Plants</b> Barry Dooley, Structural Integrity UK
16:35 – 16:50	<b>AUSAPWS / IAPWS Update</b> Barry Dooley, Structural Integrity UK
16:50 – 16:55	Close for Day 1

TUESDAY 2 AUGUST - 10AM TO 2:30PM (AEST)

10:00 – 10:05	<b>Opening of Day 2</b> David Pointing – CEO, Australian Power Institute Bruce Leitch and Mark Wyburn – Technical Committee Chairs
10:05 – 10:50	KEYNOTE: <b>Film-Forming Chemicals Research Comparison</b> Andrew Howell, EPRI USA
10:50 – 11:15	TBA
11:15 – 11:40	<b>Maintenance Activities vs Water Chemistry</b> Matt Craven, Southern Company
11:40 – 12:05	Platinum Sponsor Technical Presentation: <b>Nalco Water</b>
12:05 – 12:30	Lunch and small group networking
12:30 – 12:55	<b>Layup Guidelines for Wet and Dry Storage</b> Wayne Hill, Energy Australia
12:55 – 13:25	<b>PowerChem 2022 community discussions – What does the next PowerChem look like?</b>
13:25 – 13:50	<b>Water &amp; Salt Balances at a Thermal Power Station</b> Jana Vander Kloet, Third Bay, Canada
13:50 – 14:20	Meet our Sponsors (Parallel rooms)
14:20 – 14:25	Close for day 2

# POWERCHEM 2022

WEDNESDAY 3 AUGUST - 11:45AM TO 5:00PM (AEST)

11:45 – 11:50	<b>Opening of Day 3</b> David Pointing – CEO, Australian Power Institute Bruce Leitch and Mark Wyburn – Technical Committee Chairs
11:50 – 12:20	<a href="#">Meet our Sponsors (Parallel rooms)</a>
12:20 – 13:05	KEYNOTE: <b>History and developments of direct generator water cooling since its first application 1956 in the UK</b> <b>Robert Svoboda, Svoboda Consulting, Switzerland</b>
13:05:13:30	<b>TBA</b>
13:30 – 13:55	Platinum Sponsor Technical Presentation: <b>Water Treatment Services</b>
13:55 – 14:20	<a href="#">Lunch and small group networking</a>
14:20 – 14:45	<b>Root cause analysis of brass heat exchanger tube failure</b> <b>Dale Franke, ALS</b>
14:45 – 15:10	<b>Overall improved Power and Desal Plant performance applying a cost-effective biofouling control procedure at the seawater intake (cooling) systems.</b> <b>Harry Polman, H2O Biofouling Solutions B V</b>
15:10 – 15:35	Platinum Sponsor Technical Presentation: <b>Purolite</b>
15:35 – 15:55	<b>Panel Discussion – Where is the industry heading (and what this means for power station chemistry)?</b>
15:55 – 16:20	<b>New technology in demin plants</b> <b>Kai Hoehn, KuH2o Water consultancy - IEX, RO, NF, UF</b>
16:20 – 16:50	<a href="#">Meet our Sponsors (Parallel rooms)</a>
16:50 – 17:00	<b>Conference Close</b>

\*Program is subject to change

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Contact [kirsten.pain@api.edu.au](mailto:kirsten.pain@api.edu.au) for your sponsorship opportunity